

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

620-527

10/585,864

APPLICANT

Patrick Dawson BAILEY

(Use several sheets if necessary)

FILING DATE

GROUP

July 11, 2006

1654

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Meredith et al, "4-Aminomethylbenzoic acid is a non-translocated competitive inhibitor of the epithelial peptide transporter PepT1", <i>Journal of Physiology</i> , 1998, 512 , 3, pp 629-634.
	Pieri et al, "Site-directed mutagenesis of Arginine282 suggests how protons and peptides are co-transported by rabbit PepT1", <i>International Journal of Biochemistry & Cell Biology</i> , 2008, 40 , pp 721-730.
	Hidalgo et al, "Characterization of the Human Colon Carcinoma Cell Line (Caco-2) as a Model System for Intestinal Epithelial Permeability", <i>Gastroenterology</i> , 1989, 96 , pp 736-749.
	Lister et al, "Dipeptide transport and hydrolysis in isolated loops of rat small intestine: effects of stereospecificity", <i>Journal of Physiology</i> , 1995, 484.1 , pp 173-182.
	Li et al, "Molecular modeling study of structural requirements for the oligopeptide transporter", <i>Journal of Drug Targeting</i> , 1996, 4 , 1, pp 9-17.
	Swaan et al, "Molecular Determinants of Recognition for the Intestinal Peptide Carrier", <i>Journal of Pharmaceutical Sciences</i> , 1997, 86 , No. 5, pp 596-602.
	Daniel, "Molecular and Integrative Physiology of Intestinal Peptide Transport", <i>Annu. Rev. Physiol.</i> , 2004, 66 , pp 361-384.
	Brandsch et al, "Pharmaceutical and pharmacological importance of peptide transporters", <i>Journal of Pharmacy and Pharmacology</i> , 2008, 60 , pp 543-585.
	Bailey et al, "How to Make Drugs Orally Active: A Substrate Template for Peptide Transporter PepT1", <i>Angewandte Chemie, Int. Ed. Engl.</i> , 2000, 39 , No. 3, pp 506-508
	Bailey et al, "Affinity prediction for substrates of the peptide transporter PepT1", <i>Chemical Communications</i> , 2006, pp 323-325
	Thomsen et al, "Acyclovir prodrug for the intestinal di/tri-peptide transporter PEPT1: comparison of in vivo bioavailability in rats and transport in Caco-2 cells", <i>European Journal of Pharmaceutical Science</i> , 2004, 23 , pp 319-325.

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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Nakamura et al, "Stereochemistry and Total Synthesis of Dolastatin E", Tetrahedron Letters, Vol. 36, No. 28, 1995, pages 5059-5062
	McKeever et al, "Total synthesis of the prenylated cyclopeptide trunkamide A, a cytotoxic metabolite from <i>Lissoclinum</i> sp.", Tetrahedron Letters 42 (2001) 2573-2577
	Le et al, "Design of potent dynorphin A-(1-9) analogues devoid of supraspinal motor effects in mice", Canadian Journal of Physiology and Pharmacology, Vol. 75, No. 1, 1997, pages 9-14
	Clausen et al, "Studies on Amino Acids and Peptides. Part 6. ¹ Methods for Introducing Thioamide Bonds into the Peptide Backbone: Synthesis of the Four Monothio Analogues of Leucine Enkephalin", Journal of The Chemical Society Perkin Transactions I, No. 4, 1984, pages 785-798
	Lehmann et al, "Synthesis of Endothiopeptides and Their Cyclization to 1,3-Thiazol-5(4H)-imines", Helvetica Chimica Acta 1999 Switzerland, Vol. 82, No. 11, 1999, pages 1899-1915
	Zacharie et al, "Thioamides: Synthesis, Stability, and Immunological Activities of Thioanalogues of Imreg. Preparation of New Thioacylating Agents Using Fluorobenzimidazolone Derivatives", Journal of Medicinal Chemistry, Vol. 42, No. 11, 1999, pages 2046-2052
	Lajoie et al, "Facile Regioselective Formation of Thiopeptide Linkages from Oligopeptides with New Thionation Reagents", Tetrahedron Letters, Vol. 24, No. 36, 1983, pages 3815-3818
	Brown et al, "Mono- and Dithionopeptide Synthesis", Tetrahedron Letters, Vol. 28, No. 19, 1987, pages 2171-2174

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	Zacharie et al, "Thioacylating Agents. Use of Thiobenzimidazolone Derivatives for the Preparation of Thiotuftsins Analogs", Tetrahedron, Vol. 49, No. 46, 1993, pages 10489-10500
	La Cour, "Stereochemistry of peptides containing a thioacyl group", International Journal of Peptide and Protein Research, Vol. 30, No. 4, 1987, pages 564-571
	Elmore et al, "Thioesters of Amino Acid Derivatives as Thioacylating Agents in Thiopeptide Synthesis", Journal of the Chemical Society, Perkin Transactions 1, No. 5, 1988 pages 1051-1055
	Campbell et al, "Carboxypeptidase A Catalyzed Hydrolysis of Thiopeptide and Thionester Analogues of Specific Substrates. An Effect on k_{cat} for Peptide, but Not Ester, Substrates", Journal of the American Chemical Society, Vol. 104, No. 19, 1982, pages 5221-5226
	Lehmann et al, "Site-Selective Incorporation of Thioamide-Linkages into a Growing Peptide", Tetrahedron, Vol. 55, No. 17, 1999, pages 5359-5376
	Yao et al, "Endothiopeptide Inhibitors of HIV-1 Protease", Bioorganic & Medicinal Chemistry Letters, Vol. 8, No. 6, 1998, pages 699-704
	McKeever et al, "Total synthesis of trunkamide A, a novel thiazoline-based prenylated cyclopeptide metabolite from <i>Lissoclinum</i> sp." Tetrahedron, Vol. 59, No. 15, 2003, pages 2713-2727

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